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Henry Brendzel

TRANSMITTAL FORM

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Total number of pages in this Submission

2

Complete if Known	
Application Number	09/687,238
Filing Date	10/13/00
First Named Inventor	Ayman F Naguib
Examiner Name	
Group/Art Unit	
Attorney Docket ID	Naguib 2000-0238

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ENCLOSURES (check all that apply)

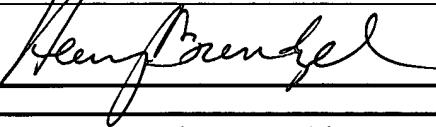
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> Postcard(s)
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> To Convert to Statutory Invention Registration	<input type="checkbox"/> Other
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.2 or 1.53		
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Patent Application

Inventor(s)	Ayman F Naguib Arthur R Calderbank	Case Name	Naguib 2000-0238
Filing Date	10/13/00	Serial No.	09/687,238
Examiner		Group Art Unit	
Title	Equalization of Transmit Diversity Space-Time Coded Signals		

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IN THE SPECIFICATION:

- Page 1, line 30 ~~between "of" and "as"~~ insert --delay diversity--,
Page 2, line 2 ~~change "tarokh"~~ to --Tarokh--,
Page 2, line 4 ~~change "were"~~ to --are--,
Page 2, line 5 ~~change "where"~~ to --and--,
Page 2, line 14 ~~change "R. A"~~ to --A. R--,

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IN THE CLAIMS:

- Claim 1, line 1 ~~following "receiver"~~ add --method--
Claim 1, line 6 ~~(next to last line)~~ change "symbols" (both occurrences) to --symbol--.
Add the following claims:

2. The method of claim 1 where the were said selecting of a trellis transition is chosen to improve performance of equalization
3. A receiver having a plurality of antennas comprising:
an equalizer responsive to signals received by said antennas from a transmitter via a transmission channel;
a mapper responsive to said equalizer; and
a decoder responsive to said mapper, where
said equalizer is responsive to transmission parameter values of said transmission channel and to encoding schema within said transmitter.